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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

**ALLIED BANK TOWER AT FOUNTAIN PLACE
1445 ROSS AVENUE
DALLAS, TEXAS 75202**

May 23, 1988

REPLY TO: 6W-SU

MEMORANDUM

SUBJECT: Corrective Action Certification for Class I Hazardous Waste Injection Wells

FROM: Oscar Cabra, Jr., P.E.
Chief
Water Supply Branch (6W-S)

TO: Sam Becker
Chief
Hazardous Waste Compliance Branch (6H-C)

The purpose of this memorandum is to transmit to you our certification that the corrective action requirements of the Hazardous and Solid Waste Amendments of 1984 have been addressed for the hazardous waste injection well. The certificate also contains the determination made from this assessment. This certificate is in response to the Memorandum of Understanding between the Hazardous Waste Management Division and the Water Management Division of Region VI which defines the respective duties of each division under the Safe Drinking Water Act and the Resource Conservation and Recovery Act.

Attachment

CERTIFICATE OF CORRECTIVE ACTION

In November 1984, the Resource Conservation and Recovery Act (RCRA) was amended by the Hazardous and Solid Waste Amendments (HSWA) to require, among other things, that solid waste management units, which include injection wells, undergo corrective action requirements for existing and prior releases (RCRA Section 3004(u)) before a permit can be issued under Part C of the RCRA. Hazardous waste injection wells are regulated under both the provisions of the Safe Drinking Water Act (§42 U.S.C. 300f, et. seq.) and the RCRA (42 U.S.C. 6901, et. seq.).

On May 5, 1987, the Water Management Division (WMD) and the Hazardous Waste Management Division (HWMD) executed a Memorandum of Understanding (MOU) for the purpose of coordinating the respective duties of each division under the SDWA and RCRA. Part II.A of the MOU states that the WMD will implement the corrective action requirements of the HSWA for injection wells according to the Office of Drinking Water Guidance #45. This MOU, under Part II.B., also requires the WMD to provide to the HWMD information to be included in the HSWA permit as necessary and to certify that the corrective action requirements of the HSWA have been adequately addressed for hazardous waste injection wells.

Accordingly, I certify that the HSWA corrective action requirements for the hazardous waste injection well identified below have been adequately addressed, and the well has no known existing or prior releases.

Facility Name: Disposal Systems Inc.
Facility Address: Deer Park, Texas
Well Number: 1
UIC Number: WDW-169
RCRA Number: TXD000719518

CERTIFICATION:

DATE: 5/17/88

~ Myron O. Knudson
MYRON O. KNUDSON, P.E.
DIRECTOR
WATER MANAGEMENT DIVISION
REGION 6

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

January 1, 2001

Mr. W.R. Reeves
Vice President Regulatory Affairs
Disposal Systems, Inc.
P.O. Box 1914
Deer Park, Texas 77536-1914

Re: Closure - Risk Reduction Standard No. 2
Acceptance of Deed Certification and Release From Post-closure Care Responsibilities
Solid Waste Management Units (SWMUs) No. 4 and No. 7
Disposal Systems, Inc.
2525 Battleground Road, Deer Park, Texas
TNRCC SWR No. 32299
TNRCC Hazardous Waste Permit No. HW- 50058-001
EPA ID No. TXD000719518

Dear Mr. Reeves:

The Texas Natural Resource Conservation Commission (TNRCC) received the letter dated September 5, 2000 submitted by Disposal Systems, Inc. containing proof of deed certification for SWMUs No. 4 and No. 7 at the site referenced above. The certification states that contaminants remaining at the site have been remediated to meet non-residential (i.e., industrial/commercial) soil criteria under Risk Reduction Standard (RRS) No. 2 pursuant to Title 30 Texas Administrative Code (TAC) Chapter 335 Subchapters A and S.

In order to attain RRS No. 2, all industrial solid waste and municipal hazardous waste and waste residues must be removed or decontaminated to health-based standards and criteria. Contaminants allowed to remain in place in media of concern (i.e., soil, ground water, surface water and air) must not exceed the health-based cleanup levels as specified in 30 TAC §335.556. A Final Report, documenting that remediation at the facility has attained RRS No. 2 such that no post-closure care or engineering control measures are required, was previously accepted by the TNRCC in our letter dated July 18, 2000.

After review of the proof of deed certification, it appears that the deed certification requirements of 30 TAC §335.560(b) and (c) have been completed. The TNRCC hereby releases the facility from post-closure care responsibilities for the SWMUs No. 4 and No. 7.

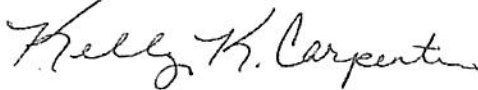
Mr. W. R. Reeves
Page 2

Please submit a written request to the TNRCC Registration and Reporting Section at Mail Code MC-129 to update your Notice of Registration (NOR) with a copy of this letter as an attachment.

Please be aware that it is the continuing obligation of persons associated with a site to ensure that municipal hazardous waste and industrial solid waste are managed in a manner which does not cause the discharge or imminent threat of discharge of waste into or adjacent to waters in the state, a nuisance, or the endangerment of the public health and welfare as required by 30 TAC §335.4. If the actual closure fails to comply with these requirements, the burden remains upon Disposal Systems, Inc. to take any necessary and authorized action to correct such conditions. A TNRCC field inspector may review your Final Report and conduct a closure inspection of the site.

Questions concerning this letter should be directed to me at (512) 239-6210. When responding by mail, please submit an original and one copy of all correspondence and reports to the Corrective Action Section at Mail Code MC-127 with an additional copy submitted to the TNRCC Region 12 Office in Houston, Texas. The TNRCC Solid Waste Registration Number and SWMUs No. 4 and 7 should be referenced in all submittals.

Sincerely,



Kelly K. Carpenter, Project Manager
Team I, Corrective Action Section
Remediation Division
Texas Natural Resource Conservation Commission

KC/kc

cc: Waste Program Manager, TNRCC Region 12 Office, Houston, Texas

RECEIVED 11/18/08
BY MS. MARILYN
SLACK



August 18, 2000

Ms. Kelly K. Carpenter
Team I, Corrective Action Section
Remediation Division, MC-127
Texas Natural Resource Conservation Commission
P.O. Box 13087
Austin, Texas 78701-3087

RE: Deed Certification of Disposal Systems, Inc.
Solid Waste Management Units No. 4 and No. 7
Industrial Solid Waste Registration No. 32299
Hazardous Waste Permit No. HW-50058-001
EPA ID No. TXD000719518

Dear Ms. Carpenter:

On behalf of our client, The GNI Group and Disposal Systems, Inc., Zephyr Environmental Corporation (Zephyr) is pleased to provide the information requested in your letter dated July 18, 2000. Enclosed please find a copy of the deed certification documents that The GNI Group will file with the Harris County Clerk. The deed certification documents the approved closure of Solid Waste Management Units (SWMUs) No. 4 and No. 7 at the Disposal Systems, Inc. facility to the Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard No. 2 criteria. Disposal Systems, Inc. will file this deed certification with Harris County and will submit proof of the filing within 90 days of the date of the TNRCC approval letter (July 18, 2000).

If you have any questions regarding the enclosed information, please contact me at (512) 329-5544.

Sincerely,
Zephyr Environmental Corporation

Betty S. Moore, P.G.
Project Manager

Enclosures

cc: Ms. Marsha Hill, Waste Program Manager, TNRCC Region 12 Office, Houston
Mr. W. R. Reeves, The GNI Group

K:\env\doc

STATE OF TEXAS

HARRIS COUNTY

INDUSTRIAL SOLID WASTE
CERTIFICATION OF REMEDIATION

KNOW ALL MEN BY THESE PRESENTS THAT: Pursuant to the Rules of the Texas Natural Resource Conservation Commission pertaining to Industrial Solid Waste Management, this document is hereby filed in the Deed Records of Harris County, Texas in compliance with the recordation requirements of said rules:

I

Disposal Systems, Inc. has performed an investigation of Solid Waste Management Units No. 4 and No. 7 on the land described herein. A list of the constituents of concern, including known concentrations, that were reported to be present in soil samples collected from the facility is attached hereto and is made part of this filing. Some constituents of concern were reported to be present in some soil samples at concentrations that are slightly above the laboratory method detection limit and are believed to be laboratory artifacts or anthropogenic compounds. Other constituents of concern that were reported to be present at higher concentrations were all less than the levels required to meet the closure goal for Risk Reduction Standard No. 2 found in 30 Texas Administrative Code, §335.555. Further information concerning this matter may be found by an examination of company records or in the Industrial Solid Waste Registration No. 30285 files, which are available for inspection upon request at the central office of the Texas Natural Resource Conservation Commission in Austin.

The Texas Natural Resource Conservation Commission derives its authority to review the remediation of this tract of land from the Texas Solid Waste Disposal Act, §361.002, Texas Health and Safety Code, Chapter 361, which enables the Texas Natural Resource Conservation Commission to promulgate closure and remediation standards to safeguard the health, welfare and physical property of the people of the State and to protect the environment by controlling the management of solid waste. In addition, pursuant to the Texas Water Code, §5.012 and §5.013, Texas Water Code, Annotated, Chapter 5, the Texas Natural Resource Conservation Commission is given primary responsibility for implementing the laws of the State of Texas relating to water and shall adopt any rules necessary to carry out its powers and duties under the Texas Water Code. In accordance with this authority, the Texas Natural Resource Conservation Commission requires certain persons to provide certification and/or recordation in the real property records to notify the public of the conditions of the land and/or the occurrence of remediation. This deed certification is not a representation or warranty by the Texas Natural Resource Conservation Commission of the suitability of this land for any purpose, nor does it constitute any guarantee by the Texas Natural Resource Conservation Commission that the remediation standards specified in this certification have been met by Disposal Systems, Inc.

II

Being a 2.5209 acre tract (109,811 sq. ft.), comprising a portion of that certain 20.0228 acre tract in the George Ross Survey, A-646, Harris County, Texas as conveyed by Truckholding, Inc., to DSI Properties, Inc., and recorded under Harris County Clerk's File No. G970945. The 2.5209 acre tract being more particularly described as follows:

SUMMARY OF ANALYTICAL RESULTS
Disposal Systems, Inc.
Deer Park, Texas

Sample ID	Sample Depth Interval	Acetone (ug/Kg)	Total Arsenic (mg/Kg)	Total Barium (mg/Kg)	Total Beryllium (mg/Kg)	Total Cadmium (mg/Kg)	Total Chromium (mg/Kg)	Total Cobalt (mg/Kg)	Total Copper (mg/Kg)	Total Lead (mg/Kg)	Total Nickel (mg/Kg)	Total Vanadium (mg/Kg)	Total Zinc (mg/Kg)	p-xylene & m-xylene (ug/Kg)	bis-(2-Ethylhexyl) phthalate (ug/Kg)	Diazinon (ug/Kg)
SB-1	2.0' - 4.0'	BDL (200)	7.96	310	1.05	1.42	7.88	3.05	6.87	16.4	3.3	26.7	19.4	444	BDL (330)	BDL (50)
SB-2	2.0' - 4.0'	BDL (1000)	6.19	145	1.01	1.16	7.15	2.62	6.49	11.3	1.7	23.9	18.9	4140	BDL (330)	BDL (50)
SB-3	2.0' - 4.0'	BDL (200)	3.73	141	0.87	0.55	4.09	4.29	7.29	10.9	2.5	22.8	14.9	12	BDL (330)	BDL (50)
SB-4	2.0' - 4.0'	205	5.05	168	0.93	0.77	5.33	5.28	6.65	9.91	4.5	18.2	17.6	34	BDL (330)	53
SB-5	2.0' - 4.0'	248	3.70	171	0.90	0.69	5.86	4.06	6.26	19.4	3.0	21.8	17.5	BDL (10)	1430	89
SB-6	2.0' - 4.0'	216	3.19	59.6	0.83	BDL (0.5)	4.25	2.41	4.89	6.01	6.5	17.6	10.7	BDL (10)	BDL (330)	BDL (50)
SB-7	2.0' - 4.0'	288	7.94	151	0.93	1.26	7.74	5.28	7.47	14.2	2.1	27.2	18.1	BDL (10)	BDL (330)	BDL (50)
SB-7A (SB-X)	2.0' - 4.0'	346	5.89	156	1.04	0.95	8.71	11.0	7.56	10.4	4.6	28.9	19.8	BDL (10)	BDL (330)	BDL (50)

BDL - Below Detection Limit

III

The owner of the site is Disposal Systems, Inc., a Texas corporation, and its address is 2525 Battleground Road, Deer Park, Texas 77536-1914 where more specific information may be obtained from the Vice President of Regulatory Affairs.

EXECUTED this the 29 day of August, 2000.

Disposal Systems, Inc.
a Texas corporation

W. R. Reeves

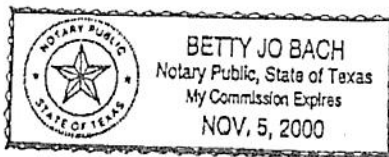
Vice President of Regulatory Affairs

STATE OF TEXAS

HARRIS COUNTY

BEFORE ME, on this the 29 day of August, personally appeared W. R. Reeves, Vice President of Regulatory Affairs of Disposal Systems, Inc., a Texas corporation, known to me to be the person and agent of said corporation whose name is subscribed to the foregoing instrument, and he acknowledged to me that he executed the same for the purposes and in the capacity therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 29th day of August, 2000.



Betty Jo Bach
Notary Public in and
for the State of Texas

County of Harris

Texas

My Commission Expires

11-05-00

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*



RECEIVED 11/18/08
FROM MS. MARILYN SLACK
@ MSLACK @ TEXASNATURALRES
(281) 930-2502
MR. SHALE WILSON
(281) 930-2527

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

July 18, 2000

Mr. W.R. Reeves
Vice President Regulatory Affairs
Disposal Systems, Inc.
P.O. Box 1914
Deer Park, Texas 77536

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Approval of Closure Phase II RCRA Facility Investigation Report - Risk Reduction Standard No. 2
Solid Waste Management Units (SWMUs) No. 4 and No. 7
Disposal Systems, Inc.
2525 Battleground Road, Deer Park, Texas
TNRCC SWR No. 32299
TNRCC Hazardous Waste Permit No. HW- 50058
EPA ID No. TXD000719518

Dear Mr. Reeves:

The Texas Natural Resource Conservation Commission (TNRCC) received your Phase II RCRA Facility Investigation (RFI) Report dated July 28, 1998, and your letter dated November 5, 2000 in response to our Notice of Deficiencies, indicating that closure activities have been completed in accordance with the TNRCC Risk Reduction Standard (RRS) No. 2, pursuant to Title 30 Texas Administrative Code (TAC) Chapter 335 Subchapters A and S.

In order to attain RRS No. 2, all industrial solid waste and municipal hazardous waste and waste residues must be removed or decontaminated to health based standards and criteria. Contaminants allowed to remain in place in media of concern (i.e., soil, ground water, surface water, air) must not exceed the health based clean up levels as specified in 30 TAC §335.556.

The TNRCC has completed a review of the Phase II RFI Report. The Phase II RFI Report contains documentation indicating that cleanup at SWMUs No. 4 and No. 7 has attained RRS No. 2 such that no post-closure care or engineering control measures are required. Based upon the information contained in the Phase II RFI Report and other information available to staff, it appears that the cleanup has achieved RRS No. 2. A proposed document must be submitted to fulfill the requirements

Mr. W.R. Reeves

Page 2

July 18, 2000

of 30 TAC §335.560(b) relating to deed certification within 30 days of receipt of this letter. As specified in §335.560, Disposal Systems, Inc. must submit proof of deed certification to the TNRCC within ninety (90) days from the date of this letter. Upon acceptance of the proof of deed certification, the TNRCC will transmit a final letter releasing Disposal Systems, Inc. from post-closure care responsibilities for SWMUs No. 4 and No. 7.

Please be aware that it is the continuing obligation of persons associated with a site to assure that municipal hazardous waste and industrial solid waste are managed in a manner which does not cause the discharge or imminent threat of discharge of waste into or adjacent to waters in the state, a nuisance, or the endangerment of the public health and welfare as required by 30 TAC §335.4. If the actual closure fails to comply with these requirements, the burden remains upon Disposal Systems, Inc. to take any necessary and authorized action to correct such conditions. A TNRCC field inspector may review your Phase II RFI Report and conduct a closure inspection of the site.

Questions concerning this letter should be directed to me at (512) 239-6210. When responding by mail, please submit an original and one copy of all correspondence and reports to the Corrective Action Section at Mail Code MC-127 with an additional copy submitted to the TNRCC Region 12 Office in Houston. The TNRCC Solid Waste Registration Number and SWMUs No. 4 and 7 should be referenced in all submittals.

Sincerely,



Kelly K. Carpenter, Project Manager
Team I, Corrective Action Section
Remediation Division
Texas Natural Resource Conservation Commission

KC/kc

i:\everyone\Kelly\Closures\32299.RFI

cc: Ms. Marsha Hill, Waste Program Manager, TNRCC Region 12 Office, Houston

1.0 INTRODUCTION

Environmental Permitting & Compliance, Inc. (EP&C) was retained by The GNI Group, Inc. (GNI) to perform a Phase I inspection of Solid Waste Management Units (SWMUs) No. 1 through 6 in accordance with the methods specified in the Disposal Systems, Inc. (DSI) RCRA Facility Investigation (RFI) Work Plan for Permit No. HW-50058-001.

1.1 Facility Information

EPA ID No.: TXD000719518

TNRCC Hazardous Waste Permit No.: HW-50058-001

Solid Waste Management Units:

<u>Unit</u>	<u>Description</u>
SWMU No. 1	Sump
SWMU No. 2	Sump
SWMU No. 3	Sump
SWMU No. 4	Sump System
SWMU No. 5	Sump
SWMU No. 6	Sump

1.2 Facility Location

The DSI facility is located at 2525 Battleground Road in Harris County, Deer Park, Texas. The site is situated in an industrial area located on the south side of the Houston Ship Channel, approximately 1,200 feet north-northwest of the intersection of State Highway 134 and Tidal Road.

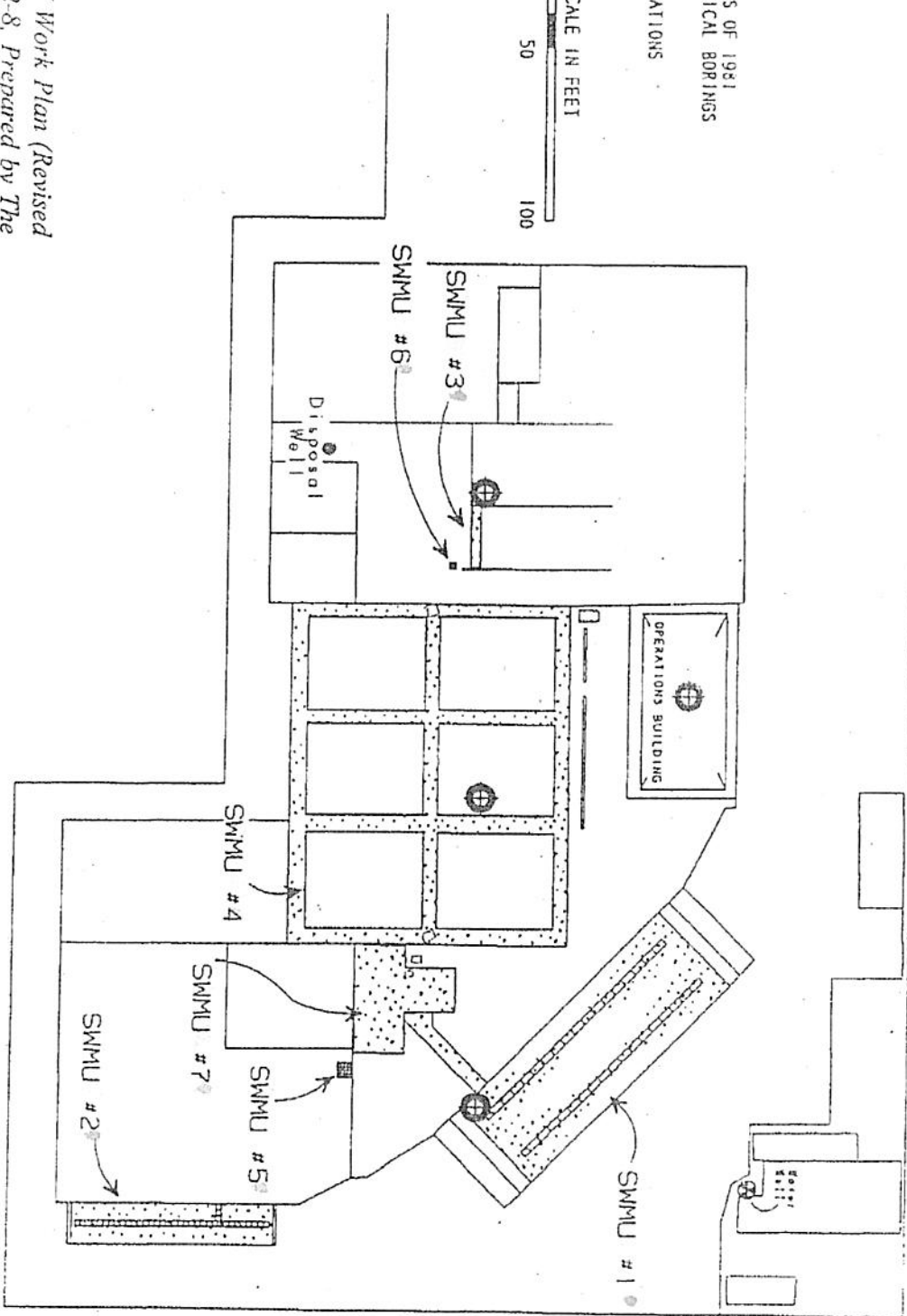
1.3 Scope of Phase I Investigative Activities

EP&C was retained to conduct the following tasks associated with the performance of RFI Work Plan Phase I inspections:

- Provide for the inspection of SWMUs No. 1 through 6 by a Registered Professional Engineer in the State of Texas for visual signs of cracks, gaps, or deterioration of the facilities;

LEGEND:

- ⊕ LOCATIONS OF 1981
GEOTECHNICAL BORINGS
- SWMU LOCATIONS



Reproduction of RFI Work Plan (Revised
May 1997), Figure 2-8, Prepared by The
WCM Group, Inc., October 18, 1992.

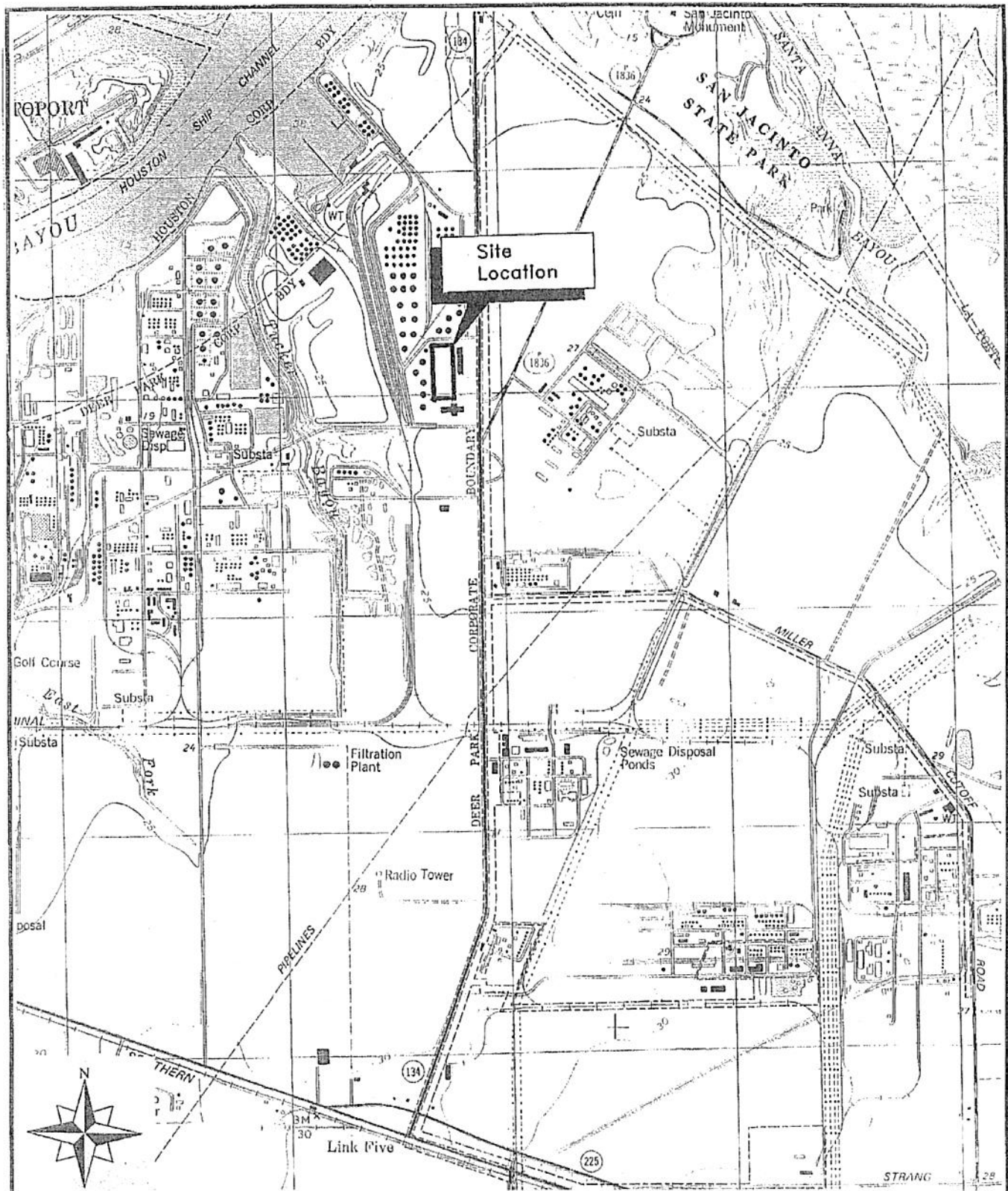


ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

Drawn by:
Reviewed by:
Date:
Scale: As Shown

SOLID WASTE MANAGEMENT UNIT LOCATIONS
DISPOSAL SYSTEMS, INC.
Deer Park, Texas

FIGURE
1



ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

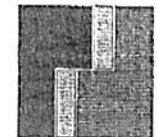
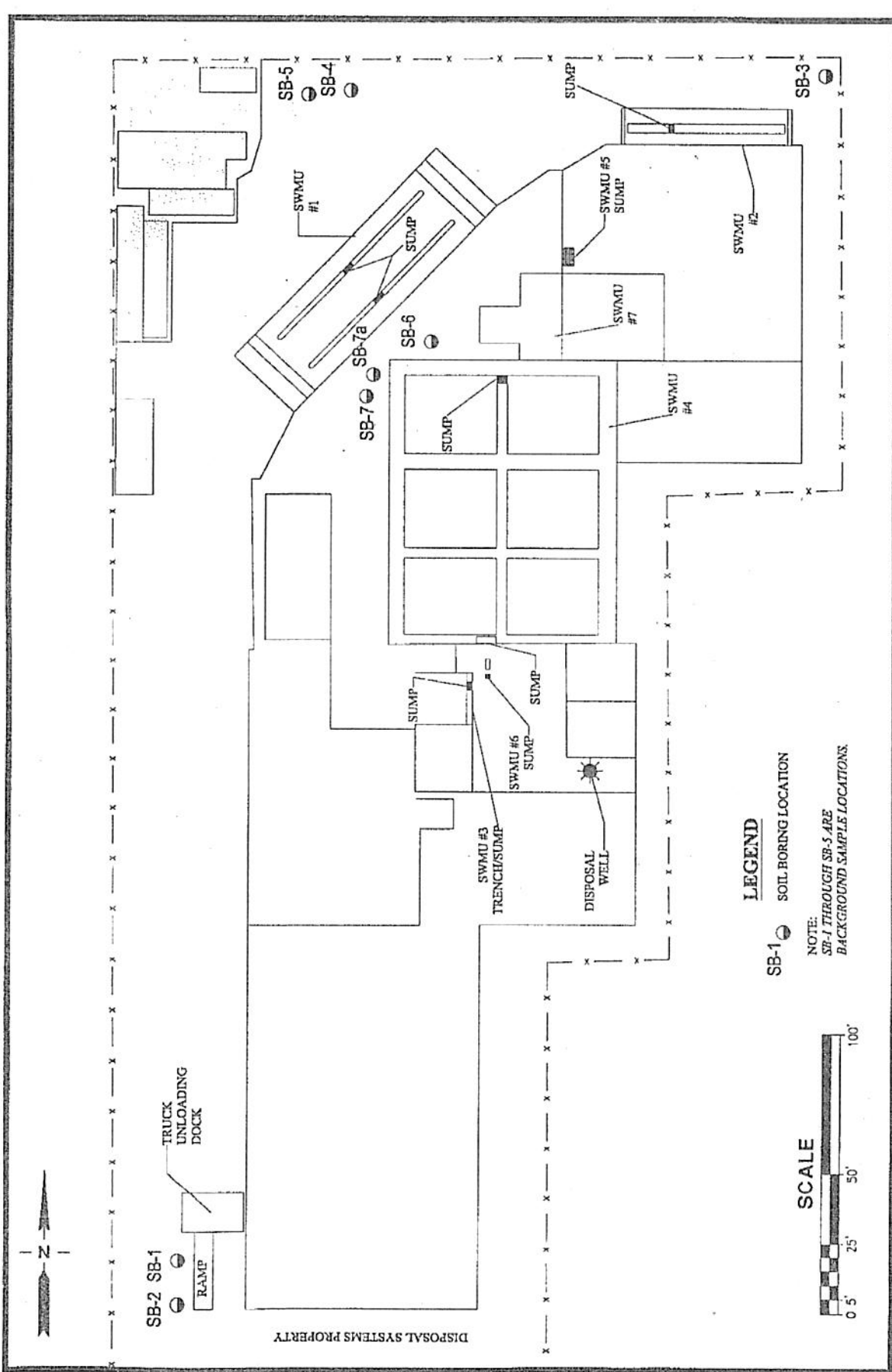
SITE LOCATION MAP

USGS 7.5 MIN. LA PORTE
TEXAS QUAD, 1982
DISPOSAL SYSTEMS, INC.
DEER PARK, TEXAS

Scale: 1" = 2,000 ft.

FIGURE

1-1



ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

PHASE II RFI SOIL BORING LOCATIONS
DISPOSAL SYSTEMS, INC.
2525 BATTLEGROUND ROAD
DEER PARK, TEXAS

1"=50'

CDG

4/98

9820

FIG 1-2

2.3 Phase II SWMU Descriptions

2.3.1 SWMU #4

SWMU #4, the Storage/Treatment Unit I trench/sump system, was constructed in 1986. This storage tank area was completely excavated in 1985 to a depth of 2 to 10 feet below ground surface. The excavation was conducted because of leaks through the previous base of the storage tank area. The storage tank area is illustrated on Figure 1-2. During the excavation, the perimeter containment walls were left in place and the resulting excavation was somewhat bowl shaped. After TWC concurrence that all soils had been removed that were potentially classifiable as hazardous waste, the excavation was backfilled with engineered and compacted lifts of tight clay. Afterwards, foundation base material (e.g., crushed limestone or sand) was placed on the compacted clay and a new, reinforced, high strength concrete base was poured within the confines of the remaining perimeter containment walls. Six, square-shaped, elevated pads for storage tanks were poured on top of the concrete base, creating a network of perimeter and interior trenches. Figures 2-4 and 2-5 illustrate this construction. In 1991, the trenches and sumps were modified by an overlay of high strength concrete to create the current physical trench/sump configuration as shown on Figure 2-5.

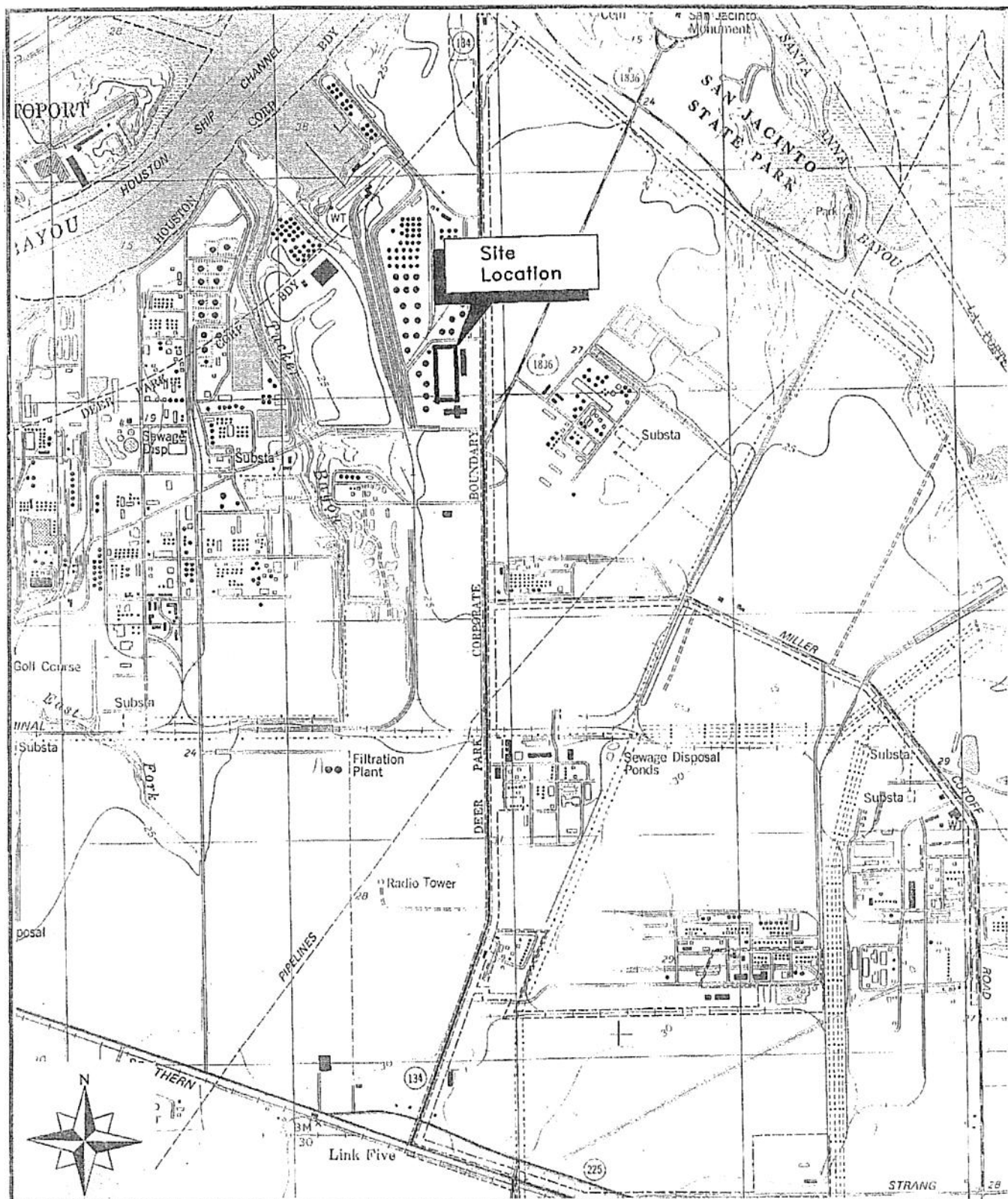
The trenches and sump are operated to collect drips, spills, and rainfall. Accumulated liquids drain to the sump where they are removed in an expeditious manner and disposed of properly. There are no records of any spilled materials penetrating the concrete. Based upon a review of the unit's construction during Phase I of the RFI, this unit was included in the Phase II investigation.

2.3.2 SWMU #7

This SWMU is identified in the facility's hazardous waste permit as the "transfer pump station and ancillary underground piping." The "ancillary underground piping" was actually below grade piping located in an open, concrete-lined, containment trench (commonly referred to as a pipe chase) between the transfer pump station and the truck unloading stations. SWMU #7 is illustrated on Figures 1-2 and 2-6.

SWUM #7 was constructed in 1981. The pumps were subsequently removed and, in 1991, all of the SWMU was filled with high strength, reinforced concrete to yield a concrete surface flush with the surrounding area (Figure 2-7). The former location of SWMU #7 is visually distinguishable by the color of the new versus the older, surrounding concrete.

SWMU #7 was operated to collect minor drips, spills, and rainwater. Collected material was removed and managed appropriately. There are no records of any spilled materials penetrating through the concrete.



ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

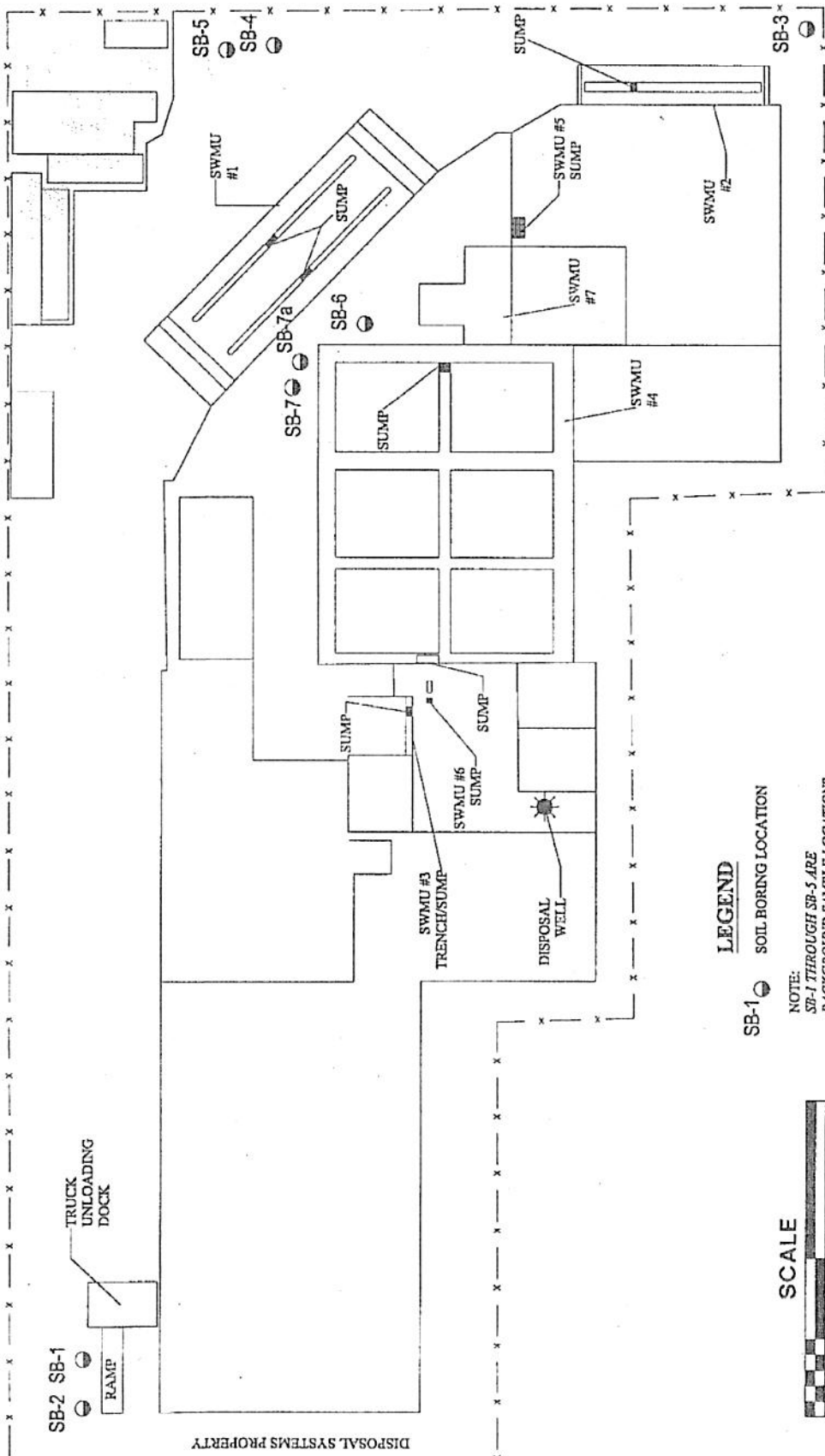
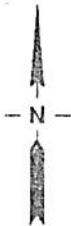
SITE LOCATION MAP

USGS 7.5 MIN. LA PORTE
TEXAS QUAD., 1982
DISPOSAL SYSTEMS, INC.
DEER PARK, TEXAS

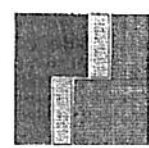
Scale: 1" = 2,000 ft.

FIGURE

1-1



LEGEND
 SB-1 SOIL BORING LOCATION
 NOTE: SB-1 THROUGH SB-7a ARE BACKGROUND SAMPLE LOCATIONS



ENVIRONMENTAL
 PERMITTING &
 COMPLIANCE, INC.

PHASE II RFI SOIL BORING LOCATIONS
 DISPOSAL SYSTEMS, INC.
 2525 BATTLEGROUND ROAD
 DEER PARK, TEXAS

1"=50'	9820
CDG	
4/98	

FIG 1-2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TX 75202-2733

Inspection Date: 6/06/08 EPA ID Number: TXD000719518

Facility Name: TM Deer Park Services
Physical Location: 2525 Battleground Road
Deer Park, Texas 77536

Mailing Address: P.O. Box 1914
Deer Park, Texas 77536

Type of Ownership: ☐ Federal ☐ State ☐ County ☐ Municipal ☒ Private/Commercial

Inspection Participants: (name and phone number)

Lead EPA Inspector: Frances Verhalen, 6EN-HC, 214-665-2172 Initials (2): FV

Other Participants: None

Facility Representative(s):

Name	Phone No.
<u>Shane Wilson, CHMM, Environmental Specialist</u>	<u>281-930-2567</u>

Facility Description: TM Deer Park Services is a large quantity generator (LQG) and maintains an active treatment, storage, and disposal (TSD) facility. It has a commercial on-site injection well for disposal of hazardous wastes generated at off-site facilities. Formerly known as Disposal Systems, Inc., the facility has seven solid waste management units (SWMUs) that were investigated under a Resource Conservation and Recovery Act (RCRA) Facility Investigation in 1998. SWMUs 1, 2, 3, 5, and 6 were closed with no further action required in September 1999. SWMUs 4 and 7 were closed under the Texas Risk Reduction Standard (RRS) No. 2.

Generator Status: **Not a generator of hazardous waste.**

☒ LQG (>1000kg/mo) ☐ SQG (100kg/mo to 1000kg/mo) ☐ CESQG (<100kg/mo) ☒ TSDF

Inspection Type: ☐ EPA Lead ☐ State Lead ☐ CSE ☐ CEI
☐ CDI ☐ Sampling ☐ Multi-Media ☒ Other

Reason for Evaluation:

<input type="checkbox"/> (01) Follow up	<input type="checkbox"/> (02) Case Development	<input type="checkbox"/> (03) Sampling
<input type="checkbox"/> (04) Citizen Complaint	<input checked="" type="checkbox"/> (07) General	<input type="checkbox"/> (16) CAV
<input type="checkbox"/> (63) US/Mexico	<input type="checkbox"/> (65) CAV-US/Mexico	

Summary of Inspection:

Staff from the Compliance Assurance and Enforcement Division (Hazardous Waste Enforcement Branch) completed a non-financial file review of the TM Deer Park facility. The facility is on the Government Performance and Results Act (GPRA) baseline; therefore, environmental indicators for human exposure under control and ground water migration under control must be verified.

File information indicates that soil and groundwater contamination are present at the site. A determination that human exposure and groundwater migration are currently under control has not been completed because a copy of deed recordation or a closure report was not present in the file.

EPA contacted TM Deer Park, which provided the following documents:

1. Phase I RFI Report; March 1998
2. Letter from TNRCC (now TCEQ) determining No Further Action Required on SWMUs 1, 2, 3, 5, and 6; September 18, 1999
3. Phase II RFI Report; July 1998
4. Letter from TNRCC (now TCEQ) determining Closure of SWMUs 4 and 5 under Risk Reduction Standard No. 2; July 18, 2000
5. Proof of Deed Recordation for Risk Reduction Standard No. 2; August 29, 2000
6. Letter from TNRCC (now TCEQ) Accepting the Deed Certification and Release from Post-Closure Care for SWMUs 4 and 5; January 1, 2001.

These documents are attached.

Based on a review of the documents, sufficient information is present to complete the determination of control for human health and groundwater migration under the GPRA guidance documents.

Checklists Completed: None

Peer Reviewed by: _____ **Date:** _____



HZ/RC/TE

TXD 000 719518

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TX 75202-2733

Inspection Date: 6/06/08 EPA ID Number: TXD000719518Facility Name: TM Deer Park Services
Physical Location: 2525 Battleground Road
Deer Park, Texas 77536Mailing Address: P.O. Box 1914
Deer Park, Texas 77536Type of Ownership: ☐ Federal ☐ State ☐ County ☐ Municipal ☒ Private/Commercial

Inspection Participants: (name and phone number)

Lead EPA Inspector: Frances Verhalen, 6EN-HC, 214-665-2172 Initials (2): FVOther Participants: None

Facility Representative(s):

Name Phone No.
Shane Wilson, CHMM, Environmental Specialist 281-930-2567

Facility Description: TM Deer Park Services is a large quantity generator (LQG) and maintains an active treatment, storage, and disposal (TSD) facility. It has a commercial on-site injection well for disposal of hazardous wastes generated at off-site facilities. Formerly known as Disposal Systems, Inc., the facility has seven solid waste management units (SWMUs) that were investigated under a Resource Conservation and Recovery Act (RCRA) Facility Investigation in 1998. SWMUs 1, 2, 3, 5, and 6 were closed with no further action required in September 1999. SWMUs 4 and 7 were closed under the Texas Risk Reduction Standard (RRS) No. 2.

Generator Status: Not a generator of hazardous waste.X LQG (>1000kg/mo) ☐ SQG (100kg/mo to 1000kg/mo) ☐ CESQG (<100kg/mo) X TSDFInspection Type: ☐ EPA Lead ☐ State Lead ☐ CSE ☐ CEI
☐ CDI ☐ Sampling ☐ Multi-Media X Other**Reason for Evaluation:**☐ (01) Follow up ☐ (02) Case Development ☐ (03) Sampling
☐ (04) Citizen Complaint X (07) General ☐ (16) CAV
☐ (63) US/Mexico ☐ (65) CAV-US/Mexico**Summary of Inspection:**

Staff from the Compliance Assurance and Enforcement Division (Hazardous Waste Enforcement Branch) completed a non-financial file review of the TM Deer Park facility. The facility is on the Government Performance and Results Act (GPRA) baseline; therefore, environmental indicators for human exposure under control and ground water migration under control must be verified.

File information indicates that soil and groundwater contamination are present at the site. A determination that human exposure and groundwater migration are currently under control has not been completed because a copy of deed recordation or a closure report was not present in the file.

EPA contacted TM Deer Park, which provided the following documents:

1. Phase I RFI Report; March 1998
2. Letter from TNRCC (now TCEQ) determining No Further Action Required on SWMUs 1, 2, 3, 5, and 6; September 18, 1999
3. Phase II RFI Report; July 1998
4. Letter from TNRCC (now TCEQ) determining Closure of SWMUs 4 and 5 under Risk Reduction Standard No. 2; July 18, 2000
5. Proof of Deed Recordation for Risk Reduction Standard No. 2; August 29, 2000
6. Letter from TNRCC (now TCEQ) Accepting the Deed Certification and Release from Post-Closure Care for SWMUs 4 and 5; January 1, 2001.

These documents are attached.

Based on a review of the documents, sufficient information is present to complete the determination of control for human health and groundwater migration under the GPRA guidance documents.

Checklists Completed: None

Peer Reviewed by: _____ **Date:** _____

#1/

HZ/RC/TE

TXD000719518

**RCRA FACILITY INVESTIGATION / PHASE I
SOLID WASTE MANAGEMENT UNIT INSPECTIONS**

**DISPOSAL SYSTEMS, INC.
DEER PARK, TEXAS**

**EPA ID TXD000719518
PERMIT NUMBER HW-50058-001**

Prepared by:

ENVIRONMENTAL PERMITTING & COMPLIANCE, INC.

**Houston Office:
5615 Kirby Drive, Suite 420
Houston, Texas 77005
(713) 522-2294**

**Austin Office:
301 Hesters Crossing, Suite 150
Round Rock, Texas 78681
(512) 238-1200**

March, 1998

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Appendix B DSI Daily Facility Inspection Records
Appendix C Certification

1.0 INTRODUCTION

Environmental Permitting & Compliance, Inc. (EP&C) was retained by The GNI Group, Inc. (GNI) to perform a Phase I inspection of Solid Waste Management Units (SWMUs) No. 1 through 6 in accordance with the methods specified in the Disposal Systems, Inc. (DSI) RCRA Facility Investigation (RFI) Work Plan for Permit No. HW-50058-001.

1.1 Facility Information

EPA ID No.: TXD000719518

TNRCC Hazardous Waste Permit No.: HW-50058-001

Solid Waste Management Units:

<u>Unit</u>	<u>Description</u>
SWMU No. 1	Sump
SWMU No. 2	Sump
SWMU No. 3	Sump
SWMU No. 4	Sump System
SWMU No. 5	Sump
SWMU No. 6	Sump

1.2 Facility Location

The DSI facility is located at 2525 Battleground Road in Harris County, Deer Park, Texas. The site is situated in an industrial area located on the south side of the Houston Ship Channel, approximately 1,200 feet north-northwest of the intersection of State Highway 134 and Tidal Road.

1.3 Scope of Phase I Investigative Activities

EP&C was retained to conduct the following tasks associated with the performance of RFI Work Plan Phase I inspections:

- Provide for the inspection of SWMUs No. 1 through 6 by a Registered Professional Engineer in the State of Texas for visual signs of cracks, gaps, or deterioration of the facilities;

- Evaluation of the construction materials and methods of the SWMUs as they relate to release potential;
- Evaluation of site records with regard to the presence and maintenance of a management system for the routine inspection and repair of the SWMUs; and
- Preparation of a report summarizing the findings of the RFI Work Plan Phase I inspection and certifying those SWMUs determined not to have had a release or spill potentially impacting environmental media in the vicinity of the unit.

1.4 **Background Information**

The DSI facilities subject to the Phase I inspection were constructed between 1981 and 1987. Some of the facilities were subsequently modified by means of concrete overpours in order to improve the effectiveness of the drainage to the sumps. The following is a list of the SWMUs, their service description, date of construction, and a summary of any facility modifications made to the unit:

SWMU No.	Type Service	Date of Construction	Modifications
1	Truck Unloading Sumps / (Northwest of Storage / Treatment Unit I)	1981	Concrete overlay poured in 1991 to create drainage troughs along length of each unloading area that are tied to the respective existing sumps. Protective coatings were added to the sumps and trough interior surfaces beginning in 1991.
2	Truck Unloading Sump / (North of Storage / Treatment Unit II)	1986	Concrete overlay poured in 1991 to create drainage trough along length of unloading area that is tied to the existing sump. Protective coatings were added to the sump and trough interior surfaces beginning in 1991.

SWMU No.	Type Service	Date of Construction	Modifications
3	Storage / Treatment Unit III Filter Sump	1981	Concrete overlay poured in 1991 to slope the containment floor in order to promote drainage to the sump. Protective coatings were added to the sump interior surfaces beginning in 1991.
4	Storage / Treatment Unit I Trench/ Sump System	1981	The interior floor of the secondary containment was demolished in 1985 and subsurface soils were excavated to a depth of 2 to 10 feet. Clean clay was used as fill and a new floor was constructed in 1987. In 1991, concrete overpours were added to provide six tank pad areas and a trough system within the interior and along the perimeter of the secondary containment. Protective coatings were added to the sump and trough interior surfaces beginning in 1991.
5	Storage / Treatment Unit II Sump	1986	Protective coatings were added to the sump interior surfaces beginning in 1991.
6	Filtration Unit I Sump	1981	Protective coatings were added to the sump interior surfaces beginning in 1991.

2.0 VISUAL INSPECTIONS

On February 12, 1998, Mr. David H. Sorrells, P.E., employed by EP&C, performed visual inspections of SWMUs No. 1 through 6. Prior to performance of the visual inspections, the sump areas of the SWMUs were cleaned by DSI. The locations of these SWMUs is provided in Figure 2-8 of the RFI Work Plan. A copy of the drawing is included with this report as Phase I Investigation, Figure 1.

All of the SWMUs were found to be visually clean and free of liquids at the time of the inspections. All of the SWMUs were observed to have a protective coating that were in good condition. The sumps are all provided with a protective chemical resistant coating system identified as TuffRez[®] 215 (PolySpec[®] Corporation, Houston, Texas). According to DSI, three coatings of this material have been applied to the sump interior surfaces in accordance with the manufacturer's specifications. For SWMU No. 4, the troughs that drain the containment area to the sumps are coated with a black asphaltic coating identified as PolySpec[®] 780. According to DSI, one coating of this material was applied in accordance with the manufacturer's specifications. Copies of the coating product specifications provided by DSI are presented in Appendix A.

There were no visible signs of cracks, gaps, spalling, or other indications of a potential release pathway from the SWMUs. The area surrounding the sumps was inspected for signs of staining or other indications of spills or releases outside of the sumps. There were no visual indications of a release outside of the SWMUs.

3.0 REVIEW OF ENGINEERING DRAWINGS

According to Bill Reeves, Vice President, Regulatory Affairs, GNI, there are no detailed construction drawings available that detail the sump designs. The only drawings available are the sump plan views and cross sections provided in the RFI Work Plan. In the absence of detailed construction drawings or "as built", the RFI Work Plan drawings are themselves based upon design assumptions and should not be considered to necessarily be accurate with regard to construction details. Also, there are no personnel interviewed at DSI that were familiar with details of the design or construction of the SWMUs.

In the case of the SWMUs at DSI, it is reasonable to make assumptions with regard to the probable construction methods utilized. These assumptions and the rationale for each of the assumptions are provided below:

Assumption 1 - Sump Design

It is assumed that the sumps are monolithic in design and do have cold joints between the floor and the perimeter walls. This is assumed due to the fact that all of the sumps are relatively small in size (approximately 2 feet by 2 feet by 2 feet deep). It would not be standard construction practice for small structures such as these to be built using separate concrete pours for the floor and the outer walls.

Assumption 2 - SWMU No. 4 Design

SWMU No. 4 was reconstructed in 1987 by removing the floor and leaving the exterior walls in place. Subsurface soils were reportedly excavated to a depth of 2 to 10 feet. According to DSI, clean clay was used as fill material and a new concrete floor was constructed in 1987. Crushed stone mentioned in the RFI Work Plan is not believed to be present. DSI was not able to provide any information with regard to the presence of water stops or other construction methods that would restrict the potential for vertical migration of wastes managed within the unit along the seam or cold joint at the floor/wall interface. Accordingly, it is reasonable to assume that a cold joint may exist between the perimeter walls of the containment and the floor. Since the trough system of this unit runs along the

perimeter of the containment walls, a potential for a release would have existed along this cold joint for the period of operation lasting from 1987 to 1991. In 1991, a protective coating was applied to the sump and sump troughs that should have effectively sealed any potential cold joints within the sump system. A drawing depicting the area of concern is shown on Phase I Investigation, Figure 2.

4.0 REVIEW OF INSPECTION RECORDS

Sump inspection records were reviewed to evaluate the presence and maintenance of a management system for the routine inspection and repair of the SWMUs. Records of daily inspections of SWMUs No. 1 through 6 are maintained on a daily basis. Current records (1998) and older records (1991) were selected for review.

The current inspection records for the time period from January 1, 1998 through February 11, 1998 were reviewed. The records reviewed consisted of the Daily Sump Logs and the Daily RCRA Inspection Logs. The Daily Sump Logs provided documentation that the sumps were routinely inspected and that any accumulated wastewater was promptly removed. The logs reviewed were all complete, signed by the inspector, and dated. The RCRA Inspection Logs are used by DSI to document the evaluation of the tanks, valves, piping, and secondary containment structures. According to DSI, the evaluation of the containment structures is inclusive of the sump areas for SWMUs No. 1 through 6. The records reviewed were all complete, signed by the inspector, and dated.

Old inspection records from the year 1991 were also selected for review. The month of December 1991 was randomly selected for review. The Daily RCRA Inspection Logs for the period from December 1 through December 31, 1991 were all complete, signed by the inspector, and dated.

Representative copies of the records reviewed are provided in Appendix B.

5.0 CONCLUSIONS

Based upon visual inspections, design/construction assumptions noted, and the assessment of the adequacy of the facility inspection and maintenance program, the following SWMUs are considered to have been designed, operated, and maintained in such a manner as to not have a release potential:

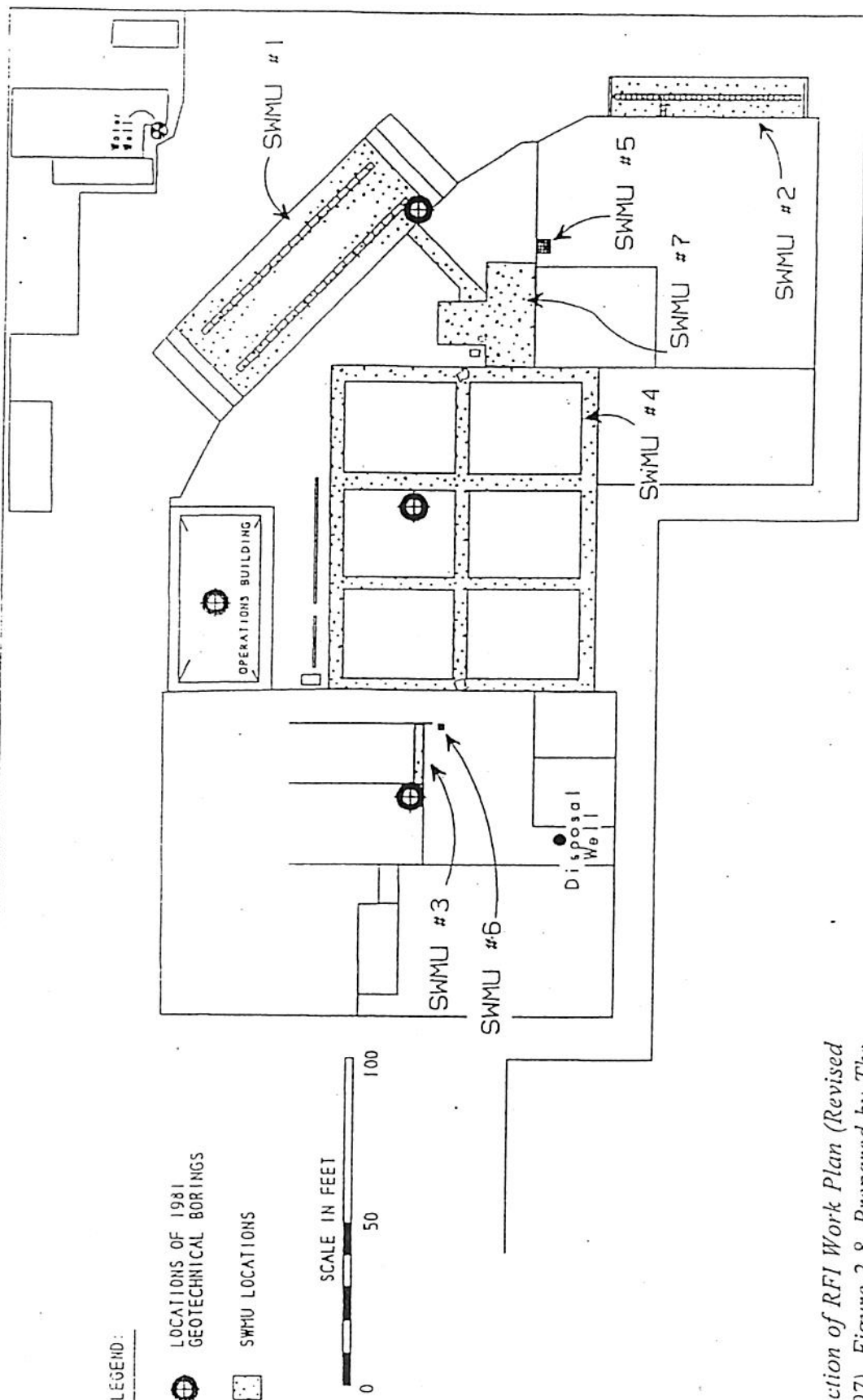
- SWMU No. 1
- SWMU No. 2
- SWMU No. 3
- SWMU No. 5
- SWMU No. 6

Due to the design assumptions along with the delay in the installation of protective coating for a four-year period during the operational life of the unit, further investigation of SWMU No. 4 is recommended.

6.0 CERTIFICATION

A certification for those SWMUs determined to have been designed, constructed, and maintained in a condition that would prevent the release of constituents managed to the environmental media of concern (soil, groundwater, and surface water) is provided in Appendix C.

FIGURES




LEGEND:

- LOCATIONS OF 1981 GEOTECHNICAL BORINGS
- SWMU LOCATIONS



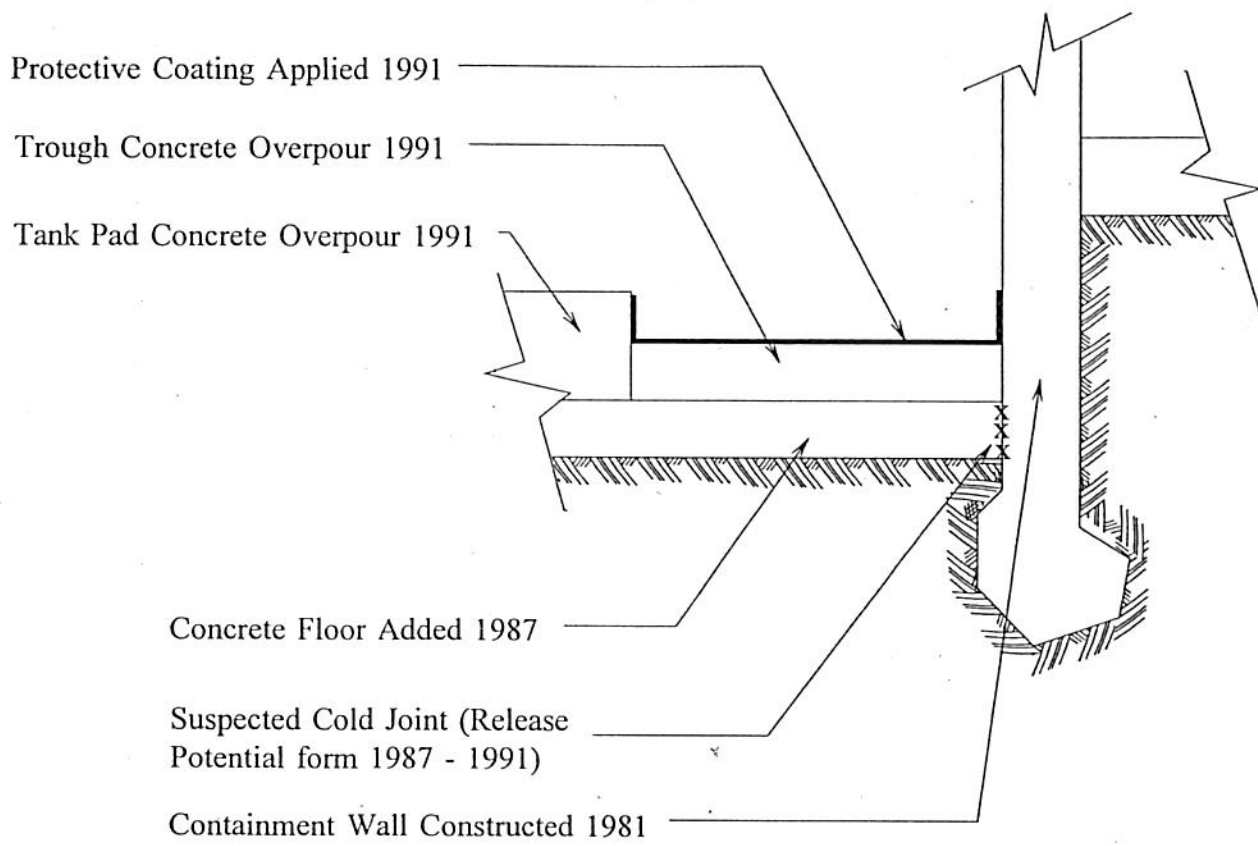
Reproduction of RFI Work Plan (Revised May 1997), Figure 2-8, Prepared by The WCM Group, Inc., October 18, 1992.



ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

Drawn by:	
Reviewed by:	
Date:	
Scale:	As Shown

SOLID WASTE MANAGEMENT UNIT LOCATIONS
DISPOSAL SYSTEMS, INC.
Deer Park, Texas



ENVIRONMENTAL
PERMITTING &
COMPLIANCE, INC.

Scale: Not To Scale

SWMU No. 4 DESIGN ASSUMPTIONS

Disposal Systems, Inc.
Deer Park, Texas

FIGURE

2

APPENDICES

APPENDIX A
COATING PRODUCT SPECIFICATIONS

PolySpec[®]

CORPORATION

6614 Galt Road
Houston, Texas 77066
Phone (281) 397-0033
Fax (281) 397-6512

Http://www.polyspec.com
E-Mail: info@polyspec.com

TuffRez[®]

Adhesives, Sealants and Surfacers

PRODUCT SPECIFICATIONS & TECHNICAL DATA**TuffRez[®] 215**

3 Cont.

Chemical Resistant Coating System**DESCRIPTION**

TuffRez[®] 215 is a chemical resistant coating system used for protection of concrete and steel from chemicals in immersion and splash and spillage conditions. It is ideal for chemical processing and secondary containment areas.

BENEFITS

- Excellent resistance to dilute acids, alkalis and waste water
- Outstanding adhesion to concrete and steel surfaces
- Low permeation rate
- Moisture insensitive

occur such as trenches, pedestals and curbs. Other applications include truck loading/unloading spots, secondary containment areas and chemical pump pads.

PHYSICAL PROPERTIES

Pot Life @ 77° F.:	30 minutes
Cure Time @ 77°F.:	Foot Traffic: 8 hours Forklift Traffic: 24 hours Chemical Exposure: 3-5 days
Viscosity @ 77° F.:	Lightweight motor oil consistency
Color:	See PolySpec Standard Color Chart

RECOMMENDED USES

TuffRez[®] 215 is a highly versatile coating system with many applications. Because of its dimensional stability, it can be used on both steel and concrete substrates.

TuffRez[®] 215 is recommended for immersion and splash and spillage chemical exposure. It is used both in primary containment vessels such as concrete waste treatment sumps and secondary containment. Its seamless characteristic is ideal for process floor areas where changes in elevation

PACKAGING/YIELD

3 Gallon Unit consists of:

Component A Resin: 1-5 Gal. 24.4 lbs.
Component B Hardener: 1 Gal. 6.1 lbs.

Coverage: 50-60 mil coating system.

Receiving Coat: 100 sq. ft./gal. @ 15 mils.
Grit Broadcast: 0.33 lbs. sq. ft.
Topcoat: 100 sq. ft./gal. @ 15 mils.

CHEMICAL RESISTANCE DATA

Chemical	Rating
Acetic Acid 10%	2
Butyl Cellosolve	2
Ethanol	2
Ethylene Glycol	1
Lactic Acid 10%	1
Methanol	2
Methyl Ethyl Ketone	3
Monobutyl Ether	2
Skydrol	1
Sodium Hydroxide 50%	1
Sodium Hypochlorite 10%	1
Sulfuric Acid 70%	1
Sulfuric Acid 98%	NR
Toluene	1
Trichloroethane	1
Water, deionized	1
Xylene	1

1 = suitable for immersion and/or splash & spillage conditions

2 = suitable for occasional/intermittent contact for up to 72 hours

3 = suitable for occasional/intermittent contact for short times with frequent washing

NR = not recommended

INSTALLATION PROCEDURES

1. Component A Resin should be premixed prior to using due to possible pigment settling that may occur during transportation and storage. PolySpec Corporation recommends that sufficient material be purchased for a job at one time, as slight color variations may occur between batches.

2. Prepare concrete surface by sandblasting or other mechanical means until a slight texture is evident. Blow off all excess dust and contaminants. Surface should be free of glistening water and oils or chemicals.

3. Prime surfaces with PolySpec® 300EX Primer. Allow primer to become tacky to the touch before recoating.

4. Mix together TuffRez® 215 components A and B. Mix thoroughly to insure a proper blend with a mechanical, jiffy-type mixer.

5. Apply by roller or spray. Multiple coats can be applied within 24 hours of the previous coat. Scrim reinforcement and/or silica sand may be used with

this coating to provide increased tensile strength and non-skid protection.

6. For best results, clean tools and equipment with PolySpec® All Purpose Cleaner, a non-flammable and non-evaporating cleaner. Always wear gloves when using this product.

PRECAUTIONS

1. Do not thin with solvents.

2. Apply only between 50-95° F. If temperatures exceed this range contact your PolySpec technical representative.

3. Do not apply to wet concrete.

4. Do not apply to slabs on grade unless a heavy, unruptured vapor barrier has been installed under the slab.

5. Do not apply to floors subjected to hydrostatic pressure or to floors that are structurally unsound.

6. All components should be stored in a dry place at temperatures between 65-80° F.

7. Always wear protective clothing, gloves and goggles during use. Do not use in an unventilated area. Please refer to the Material Safety Data Sheet for detailed safety precautions.

WARRANTY

PolySpec Corporation warrants its products to be free from defects in material and workmanship. PolySpec's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at PolySpec's option, to either replacement of products not conforming to this warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to PolySpec in writing five days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify PolySpec of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

PolySpec makes no other warranties concerning this product. No other warranties, either expressed or implied, or statutory, such as warranties of merchantability or fitness for

a particular purpose, shall apply. In no event shall PolySpec be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by PolySpec, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. PolySpec cannot guarantee that color will conform to sample, if provided.

Rev. 09/96

PolySpec®

MEMBRANE

6614 Gent Road
Houston, Texas 77066
Phone (281) 397-6033
Fax (281) 397-6512

http://www.polyspec.com
E-Mail: info@polyspec.com

PRODUCT SPECIFICATIONS & TECHNICAL DATA

PolySpec® 780

Elastomeric Membrane

DESCRIPTION

PolySpec® 780 is a two component elastomeric coating of asphalt and polymers formulated for mixing and spraying at ambient temperatures. It cures to form a tough, abrasive-resistant film which shows almost 100% elastomeric recovery from mechanical stress.

BENEFITS

- 100% Elastomeric recovery
- Tough and abrasion resistant
- Excellent moisture vapor barrier on concrete

RECOMMENDED USES

PolySpec® 780 is used as a waterproof coating over concrete, insulation, steel and other substrates to provide an excellent barrier against weather and moisture vapor. It is also suited for use as a membrane under acid proof brick systems. Due to its elastomeric properties, it is ideal for use in extremely cold environments.

On concrete and masonry, PolySpec® 780 may be used as a moisture vapor barrier coating above and below grade. It is used to seal cracked concrete structures from moisture intrusion. It will also protect metals and wood against corrosion by acids, alkalis, salts and moisture. It is resistant to ultraviolet degradation from long term exposure to sunlight.

PHYSICAL PROPERTIES

Solids by Weight:	77% minimum
Tensile Strength:	84 psi
Elongation:	127%
Moisture Vapor Transmission:	0.0048 perm inch Cracking or Disbonding of 1/16"
Film on steel:	None
Service Temperature:	-80 to 200° F.
Pot Life:	3 hours @ 75° F. 1 hour @ 90° F.
Cure Time:	@ 60°F. - 48 hours @ 75°F. - 24 hours @ 90°F. - 12 hours
Mixing ratio: (by volume)	Component A: 42 parts Component B: 1 part

PACKAGING AND YIELD

4 Gallon Unit consists of:

Component A Resin: 1-5 Gal. 30.50 lbs.
Component B Hardener: 1-Pt. 0.73 lbs.

Coverage: One 4 gallon unit (31.23 lbs.) will cover about 100 sq. ft. with a 1/16" film thickness. (Minimum application rate recommended.)

INSTALLATION INSTRUCTIONS

1. Surfaces to which PolySpec® 780 is to be applied should be dry, and free of dust, loose rust and scale. On steel, sandblasting to a near white metal blast is recommended.
2. Open the pail and remove the Component B from under the lid. Pour into the pail and mix 3-5 minutes with an air or electric driven mixer having a 5" blade or larger.
3. Apply by brush or spray to a minimum thickness of 1/16" thickness.

PRECAUTIONS

1. Do not thin with solvents unless advised by a PolySpec technical representative.
2. Apply only at between 60 to 90° F.
3. Do not apply to wet concrete.
4. Product should be stored in a tightly sealed, unopened containers in a dry place at temperatures between 65-80° F. Shelf life for topcoats may be limited. For further information, refer to the specific technical data sheet for FlakeRez or NovoRez topcoats.
5. PolySpec® 780 should not be used in areas where it will be exposed to high concentrations of oil or organic solvents.
6. Always wear protective clothing, gloves and goggles during use. Do not use in an unventilated area. Please refer to the Material Safety Data Sheets for detailed safety precautions.

WARRANTY

PolySpec Corporation warrants its products to be free from defects in material and workmanship. PolySpec's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at PolySpec's option, to either replacement of products not conforming to this warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to PolySpec in writing five days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the

delivery date, whichever is earlier. Buyer's failure to notify PolySpec of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

PolySpec makes no other warranties concerning this product. No other warranties, either expressed or implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall PolySpec be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by PolySpec, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. PolySpec cannot guarantee that color will conform to sample, if provided.

Rev. 09/96

APPENDIX B

DSI DAILY FACILITY INSPECTION RECORDS

DAILY RCRA INSPECTION LOG

INSPECTOR *Jim Pace*

DATE *12-31-91*
TIME *2:30 AM*

TANKS	IN SERVICE	OUT OF SERVICE	(COMPONENTS)				CONTAINMENT	COMMENTS	WO#	COMPLETION DATE	REMEDIAL ACTION TAKEN
			TANK	VALVES	PIPING	PIPING					
1-3			A	✓	✓	✓	✓				
1-4			A	✓	✓	✓	✓				
1-5			A	✓	✓	✓	✓				
1-6			A	✓	✓	✓	✓				
1-7			A	✓	✓	✓	✓				
1-8			A	✓	✓	✓	✓				
1-12			A	✓	✓	✓	✓				
1-16			A	✓	✓	✓	✓				
1-17			A	✓	✓	✓	✓				
1-18			A	✓	✓	✓	✓				
1-21			A	✓	✓	✓	✓				
1-23			A	✓	✓	✓	✓				
1-26			A	✓	✓	✓	✓				
1-27			A	✓	✓	✓	✓				
1-28			A	✓	✓	✓	✓				
1-29			A	✓	✓	✓	✓				
1-30			A	✓	✓	✓	✓				
1-31			A	✓	✓	✓	✓				
1-32			A	✓	✓	✓	✓				
1-33			A	✓	✓	✓	✓				
1-34			A	✓	✓	✓	✓				
1-35			A	✓	✓	✓	✓				
1-36			A	✓	✓	✓	✓				
1-37			A	✓	✓	✓	✓				
1-38			A	✓	✓	✓	✓				
1-39			A	✓	✓	✓	✓				
1-40			A	✓	✓	✓	✓				
1-44			A	✓	✓	✓	✓				
1-45			A	✓	✓	✓	✓				
1-46			A	✓	✓	✓	✓				
1-55			A	✓	✓	✓	✓				
1-56			A	✓	✓	✓	✓				
1-57			A	✓	✓	✓	✓				
1-58			A	✓	✓	✓	✓				
1-100			A	✓	✓	✓	✓				
1-101			A	✓	✓	✓	✓				
1-102			A	✓	✓	✓	✓				
1-103			A	✓	✓	✓	✓				
1-104			A	✓	✓	✓	✓				
1-105			A	✓	✓	✓	✓				
1-106			A	✓	✓	✓	✓				

OK

INSPECTOR W. J. Tate

DATE 10-31-11
TIME 07:30 AM

[illegible]

A - acceptable
N - non-acceptable

[Signature]
INSPECTOR (SIGN)

The GNI Group
DAILY RCRA INSPECTION LOG

1 - 1 - 98
DATE

CNAD PATSCHKE
INSPECTOR (PRINT)

08 - 30
TIME

TANK	IN USE	NOT IN USE	TANK & EQUIPMENT CONDITION: Pass or Fail								COMMENT LINE (see back)
			TANK		VALVES		PIPING		CONTAINMEN		
			PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL	
T-3	✓		✓		✓		✓		✓		1
T-4	✓		✓		✓		✓		✓		2
T-5	✓		✓		✓		✓		✓		3
T-6	✓		✓		✓		✓		✓		4
T-7	✓		✓		✓		✓		✓		5
T-8	✓		✓		✓		✓		✓		6
T-12	✓		✓		✓		✓		✓		7
T-16	✓		✓		✓		✓		✓		8
T-18	✓		✓		✓		✓		✓		9
T-20	✓		✓		✓		✓		✓		10
T-21		✓									11
T-23	✓		✓		✓		✓		✓		12
T-26	✓		✓		✓		✓		✓		13
T-27	✓		✓		✓		✓		✓		14
T-28	✓		✓		✓		✓		✓		15
T-29	✓		✓		✓		✓		✓		16
T-30	✓		✓		✓		✓		✓		17
T-31	✓		✓		✓		✓		✓		18
T-32	✓		✓		✓		✓		✓		19
T-33	✓		✓		✓		✓		✓		20
T-34	✓		✓		✓		✓		✓		21
T-35	✓		✓		✓		✓		✓		22
T-36	✓		✓		✓		✓		✓		23
T-37	✓		✓		✓		✓		✓		24
T-38	✓		✓		✓		✓		✓		25
T-39	✓		✓		✓		✓		✓		26
T-40	✓		✓		✓		✓		✓		27
T-41	✓		✓		✓		✓		✓		28
T-42	✓		✓		✓		✓		✓		29
T-44	✓		✓		✓		✓		✓		30
T-45	✓		✓		✓		✓		✓		31
T-46	✓		✓		✓		✓		✓		32
T-55	✓		✓		✓		✓		✓		33
T-56		✓									34
T-58		✓									35
T-59		✓									36
T-72	✓		✓		✓		✓		✓		37

D.S.I. 2015 JUNE 2015

OPERATOR:

James L.

SUMP NO.	DAY	WASTE WATER	WET- WATER	THICK- TO:	TIME (24hr)
SP - 1W	✓	AUTOMATIC			7:00
SP - 2W	✓				7:13
SP - 3W	✓				7:13
SP - 4W	✓				6:20
SP - 5W	✓				7:30
SP - 6W	✓				7:20
SP - 7W	✓				6:00
SP - 8W	✓				7:25
SP - 9W	✓				7:53
SP - 10W	✓	AUTOMATIC			7:40
SP - 11W	✓				7:51
SP - 12W	✓				8:40
SP - 13W	✓				9:57
SP - 14W	✓				9:00
SP - 15W	✓				9:02
SP - 16W	✓				9:16
SP - 17W	✓				9:33
SP - 18W	✓				10:20
SP - 18W	✓				10:20
SP - 19W	✓				6:20
SP - 20W	✓				10:42
SP - 21W	✓				10:42
SP - 22W	✓				10:22
SP - 23W	✓				10:22
SP - 24W	✓				6:28
SP - 25W	✓				6:32
S - 26W	✓				10:20
S - 27W	✓				6:50

[illegible]

DRIP PANS

[illegible]

```
D = drip_pan
S = sump
SZ = pumped_sump
W = well_location
```

56/57

APPENDIX C
CERTIFICATION

APPENDIX C
CERTIFICATION

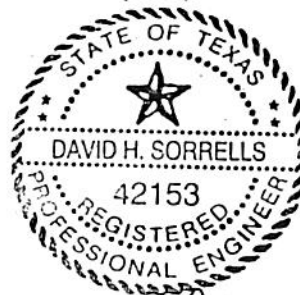
DISPOSAL SYSTEMS, INC.
PERMIT NO. HW-50058-001

FACILITY IDENTIFICATION:
SWMUs No. 1, 2, 3, 5, and 6

This is to certify that Solid Waste Management Units (SWMUs) No. 1, 2, 3, 5, and 6 have been inspected for cracks or gaps in accordance with the requirements of the RCRA Facility Investigation (RFI) Work Plan (revised May 1997) for Phase I inspections. Based upon visual inspections conducted February 12, 1998, design/construction assumptions noted in the Phase I SWMU Inspection Report, and the assessment of the adequacy of the facility inspection and maintenance program, these SWMUs are considered to have been designed, operated, and maintained in such a manner as to not have a release potential to environmental media of concern (soil, groundwater, and surface water).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to be the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(Seal)



Date: 3-4-98

Signature: *David H. Sorrells*
David H. Sorrells, P.E.

Registration No.: 42153 (Texas)

Barry R. McBee, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*



HZ/RC/TE

TXD 00071 9578

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

September 10, 1999

Mr. W.R. Reeves
Vice President Regulatory Affairs
Disposal Systems, Inc.
P.O. Box 1914
Deer Park, Texas 77536

CERTIFIED MAIL #Z 280 597 824
RETURN RECEIPT REQUESTED

Re: Phase I RCRA Facility Investigation, dated March 9, 1998
Solid Waste Management Units #1, 2, 3, 5, and 6
Disposal Systems, Inc.
TNRCC SWR No. 32299
TNRCC Hazardous Waste Permit No. HW- 50058
EPA ID No. TXD000719518

Dear Mr. Reeves:

The Texas Natural Resource Conservation Commission has reviewed the Phase I RCRA Facility Investigation. The report fulfills the requirements of Section VIII.B of the above referenced Hazardous Waste Permit for the Solid Waste Management Units listed above. No further investigation of these units will be required at this time.

Please be aware that it is the continuing obligation of Disposal Systems, Inc. to assure that industrial solid waste and municipal hazardous waste is managed in such a way that it does not cause the discharge or imminent threat of discharge of waste into or adjacent to waters in the state, a nuisance, or the endangerment of the public health and welfare as required by 30 TAC §335.4.

Questions concerning this letter should be directed to me at (512) 239-0701. Please use Mail Code 127 (MC-127) when responding by mail.

Sincerely,

A handwritten signature in cursive script that reads "Tammy Mitchell".
Tammy Mitchell, Project Manager
Corrective Action Section
Remediation Division

TM/tm

cc: Marsha Hill, Waste Program Manager, TNRCC Region 12 Office, Houston